## Works Council Webinar

October 23, 2014





## Works Councils Update

- \* Proposals for Round 2 of the Innovative CTE Curriculum Grant are due to CECI by January 2<sup>nd</sup>
- \* Staffing Changes:
  - Dana Carter is now the Operations Manager with CECI
  - \* Sam Snideman will become the new Assistant Director for the Works Councils beginning October 27<sup>th</sup> and will staff regions 7, 8, 9, 10, and 11
- \* Action Plan:
  - \* The deadline for the action plan has been extended to December 19<sup>th</sup>

## Works Councils Update

- Supply & Demand Analysis
- \* Survey Opportunity:
  - Melissa Cast, a PhD Candidate at New Mexico State University.
     Participation would simply involve completing the survey via an email link

## The Next Works Councils webinar will be: Friday, November 21<sup>st</sup> at 1 p.m.

We are open to topic suggestions and always looking to showcase interesting things happening in the regions



## Agenda

- \* Steve Bardonner (Ivy Tech)
  - Ivy Tech's Advanced Automation and Robotics Technology Program
- Leslie Crist (Department of Workforce Development)
  - Jobs for America's Graduates (JAG)
- Allison Leeuw (Department of Workforce Development)
  - \* Workforce Data
  - Regional Analysts





## Advanced Automation & Robotics Technology

#### Presenters:

Mr. Gene Hack of C4 Career Center,Mr. Kent Fuller of Caltherm Inc.Mr. Steven Bardonner – Ivy Tech





CHANGING LIVES MAKING INDIANA GREAT



## Advanced Automation and Robotics Technology

- meet current needs in skills gap
- develop a future workforce



### How did we get started?



- Using the hard facts\* from the manufacturing industry we created a curriculum framework
- Sought input from our industrial partners
- Validation of the curriculum and schedule by our industrial partners

\*all data referenced from the "Business Case for Indiana Innovative Workforce Training Center document, July 2013



### Getting the message out.



 Both the industrial partners and lvy Tech created a message.

 Public school partners were given the message





# Advanced Automation & Robotics Technology Curriculum & Schedule





#### **AART Schedule**



- Full time students have block scheduled courses from
   8:00 am to 4:30 pm
- Student are available for co-ops\* on Thursday and Friday

\*After the first eight weeks of the first semester, students are eligible to interview for available co-op positions.



#### **AART Certifications**



- MSSC Certifications
  - Quality, Safety, Production, Maintenance
- Siemens Level One Certification
- AWS (Certification depends upon elective course chosen)



#### Semester One:

**ADMF 101** – Key Principles of Adv. Manufacturing\*

**ADMF 102** – Technology in Advanced Manufacturing\*

INDT 113 – Basic Electricity\*

IVYT 101 – First Year Seminar\*

MATH 122 – Applied Technical Mathematics\*

#### Semester Two:

ADMF 112 – Mechatronics I\*

ADMF 116 – Automation & Robotics in Manufacturing\*

ADMF 122 – Mechatronics II\*

INDT 205 - Programmable Controllers I\*



#### **Semester Three:**

ADMF 202 – Mechatronics III\*

ADMF 222 – Mechatronics IV\*

COMM 101- Fundamentals of Public Speaking\*

\*Upon completion of this semester, students are prepared to sit for Level One Siemens Certification



#### Semester Four:

ENGL 111 – English Composition

INDT 104 – Fluid Power Basics

INDT 203 – Machine Maintenance & Installation

SCIN 101 – Science of Traditional & Alternative Energy

**AART Elective** 

#### **Semester Five:**

ADMF 206 - Automation & Robotics II

INDT 103 - Motors and Motor Controls

INDT 201 - Fluid Power Systems

INDT 206 – Programmable Controllers II

**Humanities Elective** 



#### Semester Six:

INDT 204 – Electrical Circuits

INDT 212 - Programmable Controllers III

INDT 279 – Industrial Technology Capstone

**AART Elective** 



#### **Current enrollment:**



**20** (9 are new)

(There are students who are still coded incorrectly, but this is being corrected and it should be more accurate in the future)



### **Current faculty:**



Full time faculty:

Tom Earnhart (lead instructor)
Joe Otte (recent hire)

**Adjunct faculty:** 

Jerry Seals, Jim Barnes, Michael Riley, Ken Miller



## Advanced Automation & Robotics Technology



- Next Steps
  - Promotion of program
  - Development of Early College







## Advanced Automation & Robotics Technology

#### DISCUSSION









Leslie Crist
Director of Strategic Initiatives
Indiana Department of Workforce Development



## What is Jobs for America's Graduates?

Jobs for America's Graduates (JAG) is a dropout prevention and school-to-career transition program targeted for at-risk students.





## **Historical Perspective**

- Established in 1979 in the State of Delaware under the leadership of Governor Pete du Pont.
- Based on the success of the initial statewide pilot,
   JAG was established in 1980 to test the program model on a national scale.
- JAG Indiana initiated in 2006 with 12 pilot schools
- 31 states participate in the JAG national network





AND ITS WorkOne CENTERS

#### Region 1:

East Chicago Central High School
Gary-Lew Wallace High School
Gary-Theodore Roosevelt High School
Gary-West Side Leadership Academy
Gary-William A. Wirt Sr High School

#### Region 3:

Fort Wayne-Elmhurst High School Fort Wayne-Northrop High School Fort Wayne-North Side High School Fort Wayne-Wayne High School Marion High School

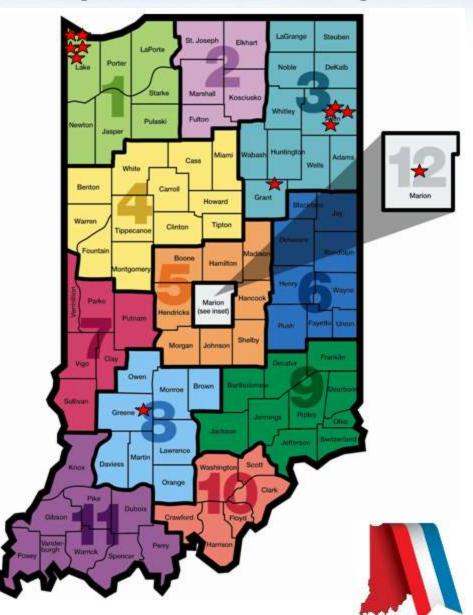
#### Region 8:

Eastern Greene High School

#### Marion County:

Indianapolis Arsenal Technical High School

#### **12 Original JAG Indiana Programs**





AND ITS WorkOne CENTERS

Region 1: 6

Region 2: 10

Region 3: 9

Region 4: 3

Region 5: 6

Region 6: 3

Region 7: 3

Region 8: 1

Region 9: 2

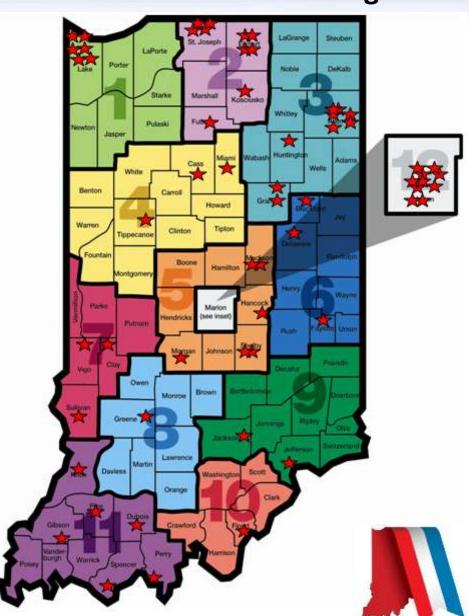
Region 10: 1

Region 11: 6

Marion County: 10

State Total: 60

#### 2012-2013 JAG Indiana Programs





#### 2013-2014 JAG Indiana MY and AE Programs

Region 1: 9

Region 2: 16

Region 3: 14

Region 4: 7

Region 5: 11

Region 6: 8

Region 7: 9

Region 8: 3

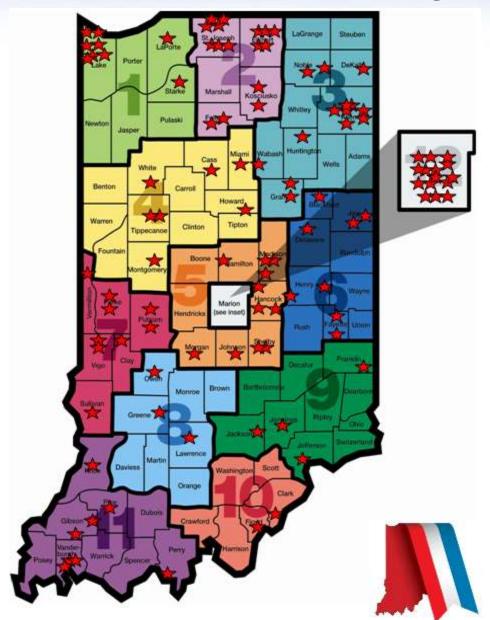
Region 9: 4

Region 10: 2

Region 11: 8

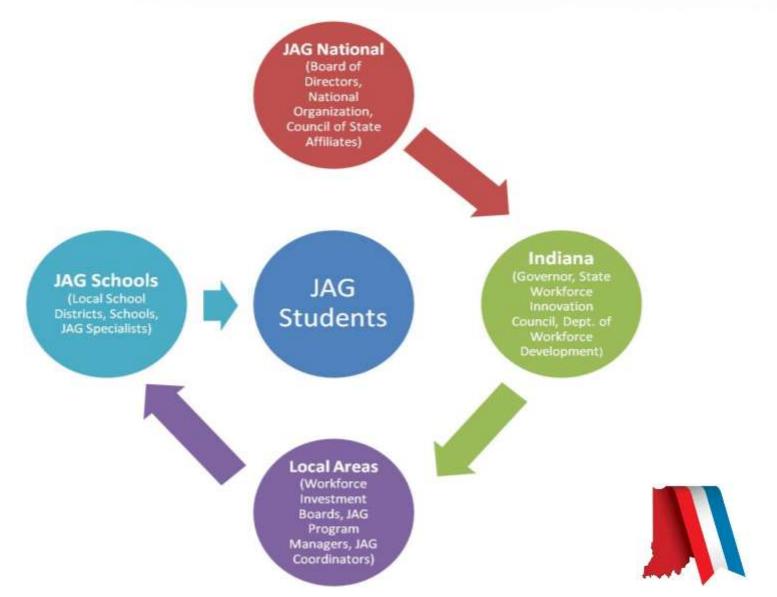
Marion County: 15

State Total: 106





## **Indiana Structure**





## **Program Models**

- Multi-Year Program Models
  - 11<sup>th</sup> and 12<sup>th</sup> grade students with barriers to success
- Alternative Education Models
  - Provides services to 11<sup>th</sup> and 12<sup>th</sup> grade students in who are enrolled in alternative learning environments
- Out-of-School Program Application
  - Serving high school dropouts (ages 16 to 21) who want streamlined services to complete a High School Equivalency program or high school degree, enter employment, military services and/or pursue postsecondary education.
- Early College Success Program
  - Initiated in the Iowa JAG Program with a pilot cohort of students. Goal is to connect students to post-secondary.





### **JAG Indiana**

- Indiana High Schools, CTE Centers, WorkOne Offices
- Daily class scheduled
- Career and College Readiness
- 37 Core Competencies
  - Field trips
  - Guest speakers
  - College tours
  - Internships/WBL
- 1 Year of Follow Up





## **JAG Model Components**

- 1. Student Recruitment and Selection
- 2. Student Load
- Program Staff
- 4. Program Management
- 5. Oversight Body
- 6. Competency Attainment
- 7. Career Association
- 8. Employer Marketing & Job Development
- 9. Student Placement & Follow-Up
- 10. National Data Management System





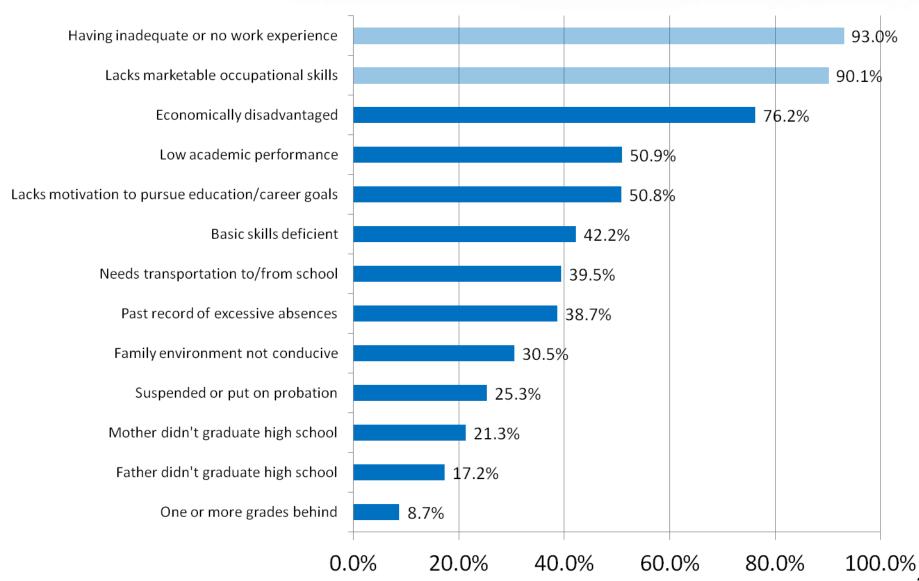
### **JAG Indiana 2013-2014**

- Average barriers per participant: 7.84
- JAG National barriers per participant: 6.99
- Over 5,000 participants served in 2013-2014
- 37 Core Competencies
- 99 Multi-Year programs; 7 Alternative Education Programs; 12 Out-of-School programs





#### **Top Barriers for JAG Indiana students**





## Work One CENTERS Why Does JAG Work for Indiana?

- eNDMS tracks WIA data and more
- JAG Specialists connect to students in a more meaningful relationship
- JAG incorporates the 10 Elements of Youth Programs required by WIA law
- JAG Coordinators assist students with career exploration, completing college applications, college tours, FAFSA, Scholarships and more
- Youth and their families develop an attachment to the labor market through interaction with WorkOne.



#### **COMPETENCY CATEGORIES**

- A- Career Development Competencies
- B- Job Attainment Competencies
- C- Job Survival Competencies
- D- Basic Competencies
- E- Leadership and Self-Development Competencies
- F- Personal Skills Competencies
- G- Life Survival Competencies
- H- Workplace Competencies

**TOTAL 88** 





## **Strategic Partnerships**





## Scaling up JAG Indiana



#### **2013** Legislative Session:

1st time State support = additional \$6M/yr



#### 2012-2013:

\$6M/yr Workforce Investment Act (WIA) funds

- 59 Programs
- 3,000 Students
- 1,300 Businesses
- \$2.3M in scholarships

## I.D. New Students & Schools: Regional Workforce Investment Boards

- -Build on current capacity
- -Target:
- 1) low grad rates
- 2) high # of at-risk students
- 3) strong support from school administrators
- 4) CTE & 21st Century Scholars programs

#### Student Recruitment by JAG Advisory Committee:

- Guidance counselors
- Letters to families of at-risk students
- Presentations to students
- School registration days
- Peer recruitment

#### 2013-2014:

\$12M/yr WIA and State funds

106 Programs

5,000 Students

~2,000 Businesses

#### **Successful Expansion:**

- Established programs
- JAG staff
- Training
- "Team" philosophy
- Communication
- JAG National support
- Strategic partnerships





## **Expected Outcomes**

#### Following one year of intensive follow-up:

- High School Diploma or HSE
- School-to-Career Transition
- Postsecondary Education
- 5 of 5 Goals for JAG





# **JAG Performance Goals**

### Graduation Rate

 Goal: Achieve a 90% completion rate by the close of the 12-month post-graduation follow-up phase.

### Positive Outcome Rate

 Goal: 80% of the participants to achieve a positive outcome by the close of the 12-month post-graduation follow-up phase. Including attachment to employment, education or training, or military.

### • Employment Rate

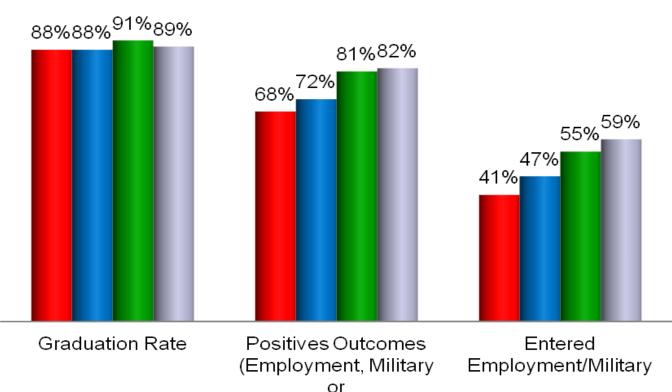
 Goal: 60% of the participants to be employed in a fulltime (35 hours or more) or a part-time job (greater than 10 and less than 35 hours).



### **JAG Indiana Results**

### **JAG Performance Outcomes**





Education/Training)





# JAG Performance Goals

### Full-Time Jobs Rate

• Goal: 60% of the graduates to be in a full-time job including: full-time employment (35 or more hours per week; two part-time jobs totaling 35 or more hours equates to a full-time job).

### Full-Time Placement Rate

 Goal: 80% of the employed graduates to be engaged in full-time activities (full-time civilian employment; full-time military; full-time postsecondary enrollment; or part-time jobs with part-time postsecondary enrollment by the close of the follow-up phase.)

### Unable to Contact Rate

Goal: Less than a 5% "unable to contact" rate during the
 12-month post-graduation follow-up phase.



# **Performance Goals**

### Further Education Rate

 There is no further education goal, however, Specialists are committed to encouraging graduates to pursue a postsecondary education if it is appropriate and feasible given the graduate's situation. The Further Education Rate is tracked to emphasize the importance that the JAG Model places on a postsecondary education especially when combined with part-time employment.

### Average Wage

 There is no average wage goal, however, Specialists are encouraged to assist graduates to secure a positive status change (increase in wages or hours; advancement; promotion; etc.) during the 12-month postgraduation follow-up phase. The average wage is computed by adding the hourly wage for all graduates and dividing by the number of graduates.



# **Indiana Performance Goals**

• 100% of JAG students will be registered in the Indiana Job Matching Website and post resumes and cover letters.

### www.indianacareerconnect.com

- 100% of JAG students will have completed Indiana Career Explorer assessments
- 100% of JAG SENIORS
  - Will fill out at least two college application forms
  - Will take either the SAT or ACT
  - Will complete the FAFSA before March 1<sup>st</sup>, 2015



# **JAG Indiana Outcomes**

	# of Participants	Graduation Rate	Employment Rate	Positive Outcome Rate	Full-Time	Full-Time Jobs	Further Education Rate
Goal		90%	60%	80%	80%	60%	44%
2013-2014	1107	89%	59%	82%	86%	66%	44%
2012-2013	1089	90%	55%	81%	84%	65%	46%
2011-2012	1019	88%	46%	72%	84%	62%	43%
2010-2011	768	88%	41%	59%	81%	59%	42%
2009-2010	396	87%	40%	75%	80%	41%	55%
2008-2009	228	85%	39%	69%	75%	40%	47%
2007-2008	57	100%	51%	66%	89%	68%	36%
Total to Date	4664	90%	47%	72%	82%	57%	44%



# Steven Somerville Elkhart Central High School

2014 Winner of JAG Indiana
Career Development
Conference Public Speaking
competition





### **Savanna Taylor**

2013 Winner of JAG Indiana
Career Development Conference
Outstanding Senior competition
and 2013 Kenneth M. Smith
Scholar









# **WorkOne**

# Hoosiers by the Numbers Tracks the Trends

Allison Leeuw, Director, Research & Analysis Division Indiana Department of Workforce Development

### Here's what we will cover

- What is Hoosiers by the Numbers, anyway?
- Research + Analysts available throughout Indiana
- Web site is major access point
- ▶ Hoosier Hot 50, High Wage/High Demand, Virtual Career Counselor
- ► Feedback loop tell us what YOU want, what you need

### What is Hoosiers by the Numbers?

- Provides important answers to job seekers / job counselors:
- Which industries employ people in this occupation?
- ▶ Where will I be able to find a job? (industry by location)
- ▶ Will there be opportunities in the field I am considering after I complete required training or education? (projections and estimates)
- ► How much will I earn? (wage data)

# Regional analysts are located in each region

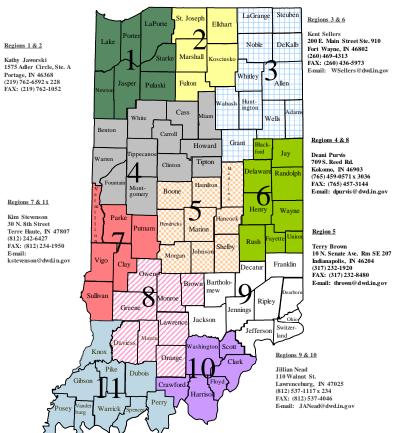
- New Hire coming on board for - EGR 1,2
- Kent, Kim, Deani, Terry and Jillian
- State analysts available to help, too!





#### **Indiana Economic Growth Regions**

Regional Market Analysts





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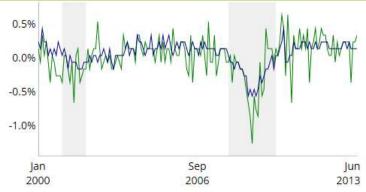
Data by Region ▼

Data by Topic ▼

Data by Series ▼

Tools & Resources ▼

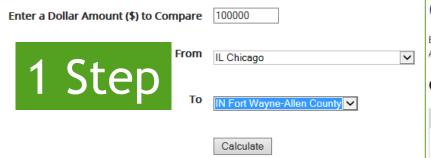
# www.hoosierdata.in.gov



#### Data by Region ▼ Data by Topic ▼ Tools & Resources ▼ Home Data by Series ▼ **Business** Large Area Radius **Environment Radius** Tool THERAPIST AIDE Profiles County HIGHLIGH Publication Lookup Business Lookup Tool Tool Regional Labor County Highlights Market Information Custom Region Regional Quick Stats **Profile** Data by Series \* Data by Topic ▼ IN Depth Regional **Profiles** Demographics **₱ Industry** View more data by region » Economic Indicators Labor Force **₱** Education **▶** Occupations **Employment ▶** Unemployment Tools & Resources ▼ Income and Wages A to Z Guide **₱ Glossary** F City-to-County ₱ Maps Finder Publications Lookup Cost of Living Tool Calculator Research and Analysis ₱ Data Calendar

### Cost of Living Calculator

This calculator uses continuously updated data pulled directly from the highly regard Put in a dollar amount, choose the "from" city from anywhere in the nation, select ar comparisons.



### Cost of Living Calculator Results

Based on the income that you entered, if you are earning \$50,000.00 after tax in the Chicago, the comparable after tax income Allen County is \$39,484.98. Below are the index values and average prices for the two areas, along with the national average

### Cost differences if you move from IL Chicago to IN Fort Wayne-Allen County.

LINE		
Difference		
18% I	ess	
33% I	ess	
23% I	ess	
19% I	ess	
2%	ess	
	Differe 18%   33%   23%   19%   2%	

#### Section 1: Index Values

Category (Percent Weight)	IL Chicago	IN Fort Wayne-Allen County	National Average
Composite (100%)	116.5	92.0	100.0
Grocery (13.56%)	111.0	91.2	100.0
Housing (27.02%)	135.5	90.2	100.0
Utilities (10.30%)	105.4	81.3	100.0
Transportation (12.35%)	123.9	100.6	100.0
Health (4.60%)	98.6	97.1	100.0
Miscellaneous (32.17%)	106.2	93.2	100.0

### Personal Income, 2011 (in millions)

Region 2	\$21,138.0
Indiana	\$232,585.0
U.S.	\$12,949,905.0

Source: U.S. Bureau of Economic Analysis

### Population as of July 1, 2012

Region 2	611,333
Indiana	6,537,334
U.S.	313,914,040

Source: U.S. Census Bureau

### Top 10 Occupations by Growth (2010 - 2020 Long-Term Projections)

- 1. Home Health Aides
- 2. Personal Care Aides
- 3. Registered Nurses
- 4. Licensed Practical and Licensed Vocational Nurses
- 5. Heavy and Tractor-Trailer Truck Drivers
- 6. Childcare Workers
- 7. Nursing Aides, Orderlies, and Attendants
- 8. Retail Salespersons
- 9. Combined Food Preparation and Serving Workers, Including Fast Food
- 10. Receptionists and Information Clerks
- 11. Carpenters

Source: U.S. Bureau of Labor Statistics and Indiana Department of Workforce Development

# Quick Stats: EGR 2

# Quick Stats: EGR 2

#### Major Employers (based on number of employees)

- 1. University of Notre Dame
- 2. Memorial Hospital-South Bend
- 3. R R Donnelley
- 4. Jayco Inc
- 5. Zimmer Holdings Inc
- 6. Henkels & Mc Coy
- 7. Elkhart General Healthcare
- 8. Biomet Manufacturing Corp
- 9. CTB Inc
- 10. Supreme Industries Inc



This database contains listings of nearly 12 million U.S. employers. El. NE, 800/555-5211. Copyright © 2013. All Rights Reserved.

### **Major Educational Institutions**

Name	Туре	City	
Indiana University South Bend	Four-year	South Bend	
lvy Tech - North Central	Two-year	South Bend	
Anabaptist Mennonite Biblical Seminary	Independent	Elkhart	
Ancilla College	Independent	Donaldson	
Bethel College	Independent	Mishawaka	
Goshen College	Independent	Goshen	
Grace College & Theological Seminary	Independent	Winona Lake	
Holy Cross College	Independent	Notre Dame	
Saint Mary's College	Independent	Notre Dame	
University of Notre Dame	Independent	Notre Dame	

Source: Indiana Commission for Higher Education, 2013



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What's New

### **Custom Region Profile**

To build a custom region, select the counties you want using the map or the dropdown list. You have the option of naming your region (if you do, it will save it as a cookie so you can use it in the future). Then click on "Get Profile" and the data will be aggregated to your new region.



### Custom Region Counties include: Blackford, Delaware, Grant, Henry, Madison

Largest City: Muncie (2012 population: 70,087) Population per Square Mile: 208.3

Square Miles: 1,817.4

Populations Income / Earnings Household types Education Labor Force Etc...

Population over Time	Number	Percent of State	Indiana
Yesterday (2010)	381,598	5.9%	6,483,797
Today (2013)	378,617	5.8%	6,570,902
Tomorrow (2020 projection)	372,961	5.4%	6,852,121
Percent Change 2010 to Today	-0.8%		1.3%

Sources: U.S. Census Bureau; Indiana Business Research Center

Components of Population Change, 2013	Number	Percent of State	Indiana
Net Domestic Migration	-494		-1,179
Net International Migration	230		9,404
Natural Increase (births minus deaths)	112	0.4%	25,992

Source: U.S. Census Bureau

Population Estimates by Age, 2012	Number	Pct Dist. in Region	Pct Dist. In State
Preschool (0 to 4)	21,106	5.6%	6.5%
School Age (5 to 17)	59,055	15.6%	17.8%
College Age (18 to 24)	49,749	13.1%	10.1%
Young Adult (25 to 44)	87,356	23.1%	25.4%
Older Adult (45 to 64)	99,861	26.4%	26.5%
Seniors (65 and older)	61,728	16.3%	13.6%



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What's New

Data by Region:

**County Highlights** 



### Howard County, IN

Select a topic:

Population Education Commuting Labor Force Industry Income Firm Size

Download Options

Please wait until page completely loads before changing format.





### **Employment**

Industry employment is tabulated as jobs by place-of-work. Keep in mind that people may hold multiple jobs and that each job is counted by its industry.

#### Average Employment by Sector

	2009	2010	2011	2012	2013	5 Year Change	5 Year % Change
Total Employment	33,196	34,530	35,393	36,410	37,691	4,495	13.54%
Total Private Employment	26,834	28,287	29,295	30,787	32,910	6,076	22.64%
Agriculture, Forestry, Fishing, Hunt	45	59	52	D	D	-45	-100.00%
Mining		D	D	D	D	N/A	N/A
Construction	730	750	789	881	924	194	26.58%
Manufacturing	7,736	8,582	8,986	9,519	10,672	2,936	37.95%
Wholesale Trade	815	824	845	843	811	-4	-0.49%
Retail Trade	4,677	4,650	4,726	4,796	4,908	231	4.94%
Transport and Warehousing	521	521	536	51/	538	17	3 260%





### **HOOSIERS** NUMBERS

LABOR MARKET REVIEW

### **Economic Growth Region 10**

Statistical Data Report for August 2014, Released October 2014

#### Regional and State Unemployment (seasonally adjusted)

Regional and state unemployment rates were generally little changed in August. Twenty-four states and the District of Columbia had unemployment rate increases from July, 15 states had decreases, and 11 states had no change, the U.S. Bureau of Labor Statistics reported. Forty-five states and the District of Columbia had unemployment rate decreases from a year earlier, three states had increases, and two states had no change. The national jobless rate was little changed from July at 6.1 percent but was 1.1 percentage points lower than in August 2013.

Georgia had the highest unemployment rate among the states in August, 8.1 percent. North Dakota again had the lowest jobless rate, 2.8 percent. In total, 17 states had unemployment rates significantly lower than the U.S. figure of 6.1 percent, 8 states and the District of Columbia had measurably higher rates, and 25 states had rates that were not appreciably different from that of the nation.

August 2014 Labor Force Estimates (not seasonally adjusted)								
Area	Labor Force	Employed	Unemployed	Jul 2014 Rate	Aug 2014 Rate	Aug 2013 Rate		
U.S.	156,434,000	146,647,000	9,787,000	6.3%	6.5%	7.3%		
IN	3,244,746	3,066,727	178,019	5.5%	5.8%	7.2%		
EGR 10	145,519	137,985	7,534	5.2%	5.5%	6.7%		
Clark Co.	57,241	54,313	2,928	5.1%	5.3%	6.5%		
Crawford Co.	5,294	4,968	326	6.2%	6.6%	8.3%		



### Economic Growth Region (EGR) 10

Clark, Crawford, Floyd, Harrison, Scott, and Washington Counties.

#### Unemployment Rates by State, August 2014 (seasonally adjusted)

U.S. - 6.1% Illinois - 6.7% Indiana - 5.8% Kentucky - 7.1% Michigan - 7.4% Ohio - 5.7%

Source: U.S. Department of Labor, U.S. Bureau of Labor Statistics

# **Publication Lookup Tool**

Select Region Indiana



V

Select Publication Job Postings and Starting Wages (JPSW)

Select Version 2nd Quarter 2013 V

Select Output PDF ✓

**GET PUBLICATION** 

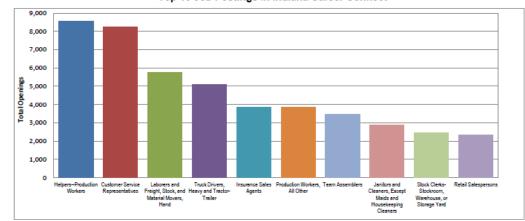
### **Job Postings & Starting Wages**

July 1, 2012 to June 30, 2013



### STATE OF INDIANA

#### Top 10 Job Postings in Indiana Career Connect



Category	Job Title	Total Postings	Minimum Hourly Wage	Maximum Hourly Wage	Average Hourly Wage
Managemen	t Occupations				
11101100	Chief Executives	226	\$9.62	\$123.08	\$27.53
11102100	General and Operations Managers	408	\$7.25	\$96.15	\$23.91
11201100	Advertising and Promotions Managers	37	\$8.65	\$56.23	\$16.61
11202100	Marketing Managers	379	\$7.25	\$120.19	\$65.02
11202200	Sales Managers	1,158	\$7.50	\$120.19	\$43.41
11203100	Public Relations Managers	13	\$13.46	\$57.69	\$33.88
11301100	Administrative Services Managers	354	\$7.25	\$43.27	\$19.10
11302100	Computer and Information Systems Managers	89	\$10.00	\$89.62	\$45.66
11303101	Treasurers and Controllers	25	\$12 N2	<b>464 00</b>	<b>¢</b> 25 27

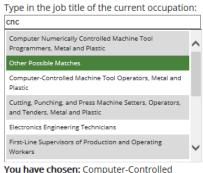
# WorkOne Virtual Career Counselor A Career Pathway Tool for Hoosiers

View tool customized for veterans

This interactive tool allows users—an unemployed worker or a workforce career counselor, for example—to estimate the preparation time required to transition from one occupation to another. "Transition time," while measured in weeks of academic, technical or vocational training, is a relative measure to provide one with an estimate of the relative ease or difficulty of moving from one type of job to another. This method, in effect, compares the similarity of education and training between occupations.

+Correctional Officers and Jailers

For the best user experience, please use Firefox or Google Chrome browsers.



**You have chosen:** Computer-Controlled Machine Tool Operators, Metal and Plastic

Enter a desired annual wage: 20000

Submit

#### **Quick Steps to Use This Tool** Transition time from Computer-Hoosier Hot 50 Jobs Controlled Machine Tool Operators, High Wage High Demand Metal and Plastic Click on an occupation title to view more information. What do these results mean? 237 Records Median Destination Occupation Title Starting Salary Salary Electronics Engineering Technologists \$44,770 \$59,440 Electronics Engineering Technicians 11 \$44,490 \$57,850 11 \$32,580 \$41,970 + Title Examiners, Abstractors, and Searchers \$31,540 \$46,310 Sound Engineering Technicians **Endoscopy Technicians** 11 \$25,350 \$32,800 \$25,810 11 \$36,840

11

\$31,730

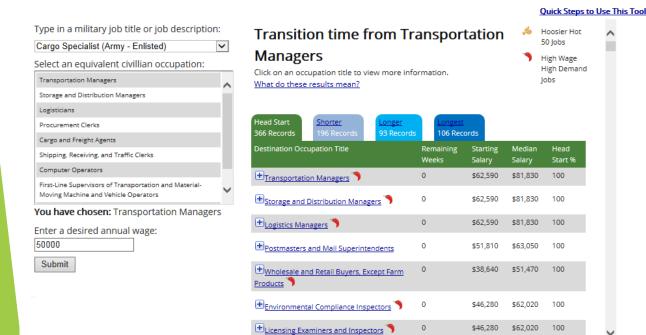
\$39.040

### **WorkOne** Virtual Career Counselor for Veterans

#### A Career Pathway Tool for Hoosier Veterans

This interactive tool allows users—an unemployed worker or a workforce career counselor, for example—to estimate the preparation time required to transition from one occupation to another, "Transition time," while measured in weeks of academic, technical or vocational training, is a relative measure to provide one with an estimate of the relative ease or difficulty of moving from one type of job to another. This method, in effect, compares the similarity of education and training between occupations.

For the best user experience, please use Firefox or Google Chrome browsers.



#### Virtual Career Counselor New Search »

### To: Millwrights (O-NET Detail)

From: Computer-Controlled Machine Tool Operators, Metal and Plastic (O-NET Detail)



Install, dismantle, or move machinery and heavy equipment according to layout plans, blueprints, or other drawings.



There are 6 openings for this occupation in the Indiana Career Connect system.

#### **Transition Time**

#### 0 weeks

The estimated amount of preparation needed to transition from the original occupation to the new occupation.

Transition time, while measured in weeks of academic, technical or vocational training, is a relative measure to provide one with an estimate of the relative difficulty to moving from one type of job to another.

#### Education

O-NET Education Detail

#### Starting Annual Wage

### Median Annual Wage

\$38,400

\$49,510

**Starting annual wage** refers to the salary earned by the bottom fourth of workers in this occupation in Indiana.

**Median annual wage** is the "middle wage." Half of the workers in the occupation earn higher wages and half earn lower wages.

#### **Income Distribution**

Income Range for Millwrights



### Real-Time Job Demand: July/August 2014





#### **Economic Growth Region 5**

Boone, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan and Shelby Counties

#### Frequent Job Openings for EGR 5

Occupation Title	Other Common Job Titles	Job Description	July/August Job Postings	Entry Level Wage	Experienced Wage	Minimum Education Required
Heavy and Tractor- Trailer Truck Drivers	Truck Driver, Driver, Over the Road Driver (OTR Driver), Line Haul Driver, Delivery Driver, Owner Operator, Road Driver, Semi Truck Driver	Drive a tractor-trailer combination or a truck with a capacity of at least 26,000 pounds Gross Vehicle Weight (GVW). May be required to unload truck. Requires commercial drivers' license.	1,547	\$14.65	\$22.83	High school diploma
Registered Nurses	Charge Nurse, Oncology RN Staff Nurse, Staff RN (Staff Registered Nurse)	Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent, or disabled patients. May advise patients on health maintenance and disease prevention or provide case management. Licensing or registration required.	894	\$27.79	\$33.43	Associate's degree
Customer Service Representatives	Account Manager, Account Representative, Call Center Representative, Client Services Representative, Customer Care Representative (CCR), Customer Service Agent	Interact with customers to provide information in response to inquiries about products and services and to handle and resolve complaints.	854	\$10.76	\$19.10	High school diploma
Computer User Support Specialists	Information Technology Specialist (IT Specialist), Support Specialist, Computer Technician, Computer Support Specialist, Help Desk Analyst, Technical Support Specialist, Network Support Specialist	Provide technical assistance to computer users. Answer questions or resolve computer problems for clients in person, or via telephone or electronically. May provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems.	833	\$14.34	\$25.87	Bachelor's degree

Key Hiring Employers	Key Hiring Industries		
St. Vincent Medical Group	Medical and Diagnostic Laboratories		
Sprint Corporation	General Merchandising Stores		
Simon Property Group, Inc.	General Freight Trucking, Long-Distance		
Maxim Healthcare	Engineering Services		
Sysco	Educational Services		
Securitas	Full-Service Restaurants		
ABF Freight System, Inc.	Hospitals		
Community Health Network	Professional, Scientific and Technical Services		
Ryder	Administrative and Support Services		
University of Indianapolis	Health Insurance Carriers		

#### Top Skills in Demand\*:

- Sales 788 ads
- Repair 565 ads
- Mathematics 525 ads
- Scheduling 459 ads
- Accounting 446 ads
- Merchandising 440 ads
- Data Entry 258 ads
- Recordkeeping 201 ads
- Preventative Maintenance 198 ads
- SQL 191 ads

#### Top Certifications in Demand:

- Registered Nurse 347 ads
- CDL Class A 237 ads
- Project Management 165 ads
- Certified Public Accountant 155 ads
- Nursing Assistant 149 ads
- Licensed Practical Nurse 132 ads
- Basic Life Support 89 ads
- Automotive Service Excellence (ASE) 55 ads
- Teaching License 43 ads
- Six Sigma 39 ads

<sup>\*</sup>The skills listed are specialized and are in addition to baseline / soft skills in demand from employers. EGR 5 baseline skills in demand include: Communication Skills, Organizational Skills, Writing, Customer Service, Leadership, Problem Solving, Detail Oriented, Microsoft, Planning, and Multi-Tasking.

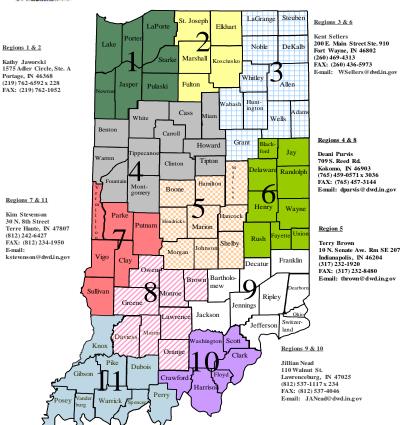
### **Questions?**

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#### **Indiana Economic Growth Regions**

Regional Market Analysts



# Thank You

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